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**Prodn. of foam for building slurries - involves mixing foaming solution and air in sleeve with vortex-generating cavities**

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Compressed air and foaming solution are fed into a vortex-generating sleeve (4) to create a high quality foam. The foam is discharged into a mixer (3). A compressed air feed pipe (1) and a foaming solution feed pipe (2) are set symmetrically about the axis of the mixing chamber.

The latter incorporates the sleeve with a series of open drop-shaped cavities which create turbulent flow conditions and intense mixing of the air and the solution. The vol. of the cavities increases or decreases along the length of the sleeve. The outlet end of the mixing chamber incorporates a grid (5).

ADVANTAGE - Improved quality of foam. (3pp Dwg.No.1/2)

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